

**Flood Control Project Maintenance  
Levee Inspections**

**LMA District Cover Sheet**

**Spring 2016 Levee Inspection Results**

**Madera County FCWCA**

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	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2016 Levee Inspection Results**

**Madera County FCWCA**

Waterway			Bank	Unit Miles
Unit No. 01 Ash Slough			Right	2.37
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/14/2016 - 4/14/2016			
DWR Inspector	Herman Phillips			
Accompanied By	Dario Dominguez Madera Co. Public Works Dept.			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2016 04/14/2016	Herman Phillips

LM Start		Rating **	A	Issue No.	<b>41</b>
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0011_01_s _ 2012_41				
Comment Code					
Inspector Comment					
Madera County has a copy of the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	<b>43</b>
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0011_01_s _ 2012_43				
Comment Code					
Inspector Comment					
Madera County has emergency supplies.					

No Photos

LM Start		Rating **	A	Issue No.	<b>44</b>
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0011_01_s _ 2012_44				
Comment Code					
Inspector Comment					
Madera County Flood Control has an ongoing training program.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.01	Rating **	U	Issue No.	26
LM End	2.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.046495 °	37.068713 °
				-120.427787 °	-120.398490 °
DWR ID	DWR_NA0011_01_f_2015_26				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the unwanted tall weeds from the wateside slope and shoulder.					

Photo 1 of 1 : SP\_2016\_NA0011\_142\_26\_20160426\_00021.jpg



Unit 1 Ash Slough looking upstream wateside slope. Tall Mustard grass and other unwanted tall weeds covering the slope and shoulder.

LM Start	0.03	Rating **	U	Issue No.	18
LM End	0.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.046566 °	37.046715 °
				-120.427512 °	-120.426964 °
DWR ID	DWR_NA0011_01_s_2014_18				
Comment Code					
DT : Ditch					
Inspector Comment					
There seem to be lots of activity going on at this location. This ditch will cause more damage to the levee slope and toe.					

Photo 1 of 1 : SP\_2016\_NA0011\_142\_18\_20160223\_00003.jpg



Irrigation ditch within the landside levee toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.04	Rating **	U	Issue No.	46
LM End	0.04	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.046618 °	37.046618 °
				-120.427350 °	-120.427350 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42856 DS_ID:21513 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Landward slope has been excavated and a berm built in front of landward headwall. Sediment visible inside pipe from landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment and waterward headwall to conduct proper inspection of structure. FIELD_STRUCT_DESC: 30-inch CM pipe through the levee, 9.5 feet below the crown. Headwalls and wingwalls on both ends. Flap gate on the waterward end. FS Date: 5/6/2014					

LM Start	<b>0.04</b>	Rating **	U	Issue No.	<b>46 (cont)</b>
LM End	<b>0.04</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_42856\_69674.jpg



View of waterward side--dense vegetation along waterward slope.

Photo 2 of 2 : UCIP\_SP\_2016\_42856\_69673.jpg



Flap gate located on waterward side blocked by dense vegetation.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.04	Rating **	U	Issue No.	20
LM End	0.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.046624 °	37.046682 °
				-120.427317 °	-120.427108 °
DWR ID	DWR_NA0011_01_s _ 2014_20				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
This is not a new erosion site, it should be repaired before the condition get any worse.					

Photo 1 of 1 : SP\_2016\_NA0011\_142\_20\_20160223\_00004.jpg



There is damage to the landside slope near the concrete wing wall.

LM Start	0.04	Rating **	M	Issue No.	36
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.046589 °	37.046589 °
				-120.427298 °	-120.427298 °
DWR ID	DWR_NA0011_01_s _ 2012_36				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.05	Rating **	U	Issue No.	12
LM End	0.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.046677 °	37.046677 °
				-120.427077 °	-120.427077 °
DWR ID	DWR_NA0011_01_s _ 2016_12				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.06	Rating **	M	Issue No.	22
LM End	0.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.046723 °	37.054221 °
				-120.426957 °	-120.417131 °
DWR ID	DWR_NA0011_01_s _ 2014_22				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.28	Rating **	M	Issue No.	6
LM End	0.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.047812 °	37.047963 °
				-120.423155 °	-120.422898 °
DWR ID	DWR_NA0011_01_s _ 2012_6				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Noted on the last two inspections.					

No Photos

LM Start	0.31	Rating **	U	Issue No.	15
LM End	0.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047995 °	37.053033 °
				-120.422855 °	-120.417548 °
DWR ID	DWR_NA0011_01_s _ 2016_15				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.33	Rating **	M	Issue No.	8
LM End	0.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.048223 °	37.048467 °
				-120.422642 °	-120.422315 °
DWR ID	DWR_NA0011_01_s _ 2012_8				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Noted on the last two inspections.					

No Photos

LM Start	0.39	Rating **	M	Issue No.	25
LM End	0.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.048886 °	37.051208 °
				-120.421838 °	-120.418903 °
DWR ID	DWR_NA0011_01_s _ 2014_25				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

No Photos

LM Start	0.44	Rating **	M	Issue No.	11
LM End	0.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.049455 °	37.049455 °
				-120.421218 °	-120.421218 °
DWR ID	DWR_NA0011_01_s _ 2012_11				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.45	Rating **	M	Issue No.	39
LM End	0.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.049484 °	37.050574 °
				-120.421017 °	-120.419601 °
DWR ID	DWR_NA0011_01_s _ 2012_39				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead trees from the levee section.					

No Photos

LM Start	0.53	Rating **	M	Issue No.	10
LM End	0.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.050335 °	37.050335 °
				-120.419965 °	-120.419965 °
DWR ID	DWR_NA0011_01_s _ 2012_10				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.58	Rating **	U	Issue No.	19
LM End	0.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.050825 °	37.051057 °
				-120.419305 °	-120.419030 °
DWR ID	DWR_NA0011_01_s _ 2016_19				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the tree prunings from the levee section.					

Photo 1 of 1 : SP\_2016\_NA0011\_142\_19\_20160426\_00022.jpg



Looking upstream from the landward toe Tree trimmings covering the slope and toe

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.59	Rating **	U	Issue No.	21
LM End	2.35	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.050968 °	37.068513 °
				-120.419167 °	-120.398665 °
DWR ID	DWR_NA0011_01_s_2016_21				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown free of vegetation.					

Photo 1 of 1 : SP\_2016\_NA0011\_142\_21\_20160426\_00023.jpg



Looking upstream from the levee mile 0.59 to 2.35 tall weeds growing on the crown roadway.

LM Start	0.62	Rating **	M	Issue No.	37
LM End	0.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.051222 °	37.051222 °
				-120.418810 °	-120.418810 °
DWR ID	DWR_NA0011_01_f_2015_37				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.70	Rating **	U	Issue No.	16
LM End	0.70	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.052175 °	37.052175 °
				-120.417998 °	-120.417998 °
DWR ID	DWR_NA0011_01_s _ 2013_16				
Comment Code					
TR : Tree or limb					
Inspector Comment					
This tree was blown down by high winds, District needs to completely remove from levee section. Issue not corrected.					

Photo 1 of 1 : SP\_2016\_NA0011\_142\_16\_20160223\_00001.jpg



This dead tree has not been removed from the levee section, the shoulder, slope and toe is blocked. Photo taken 4-29-2014. There is no new picture for this issue. No change has been made prior to Fall inspection 2014.

LM Start	0.72	Rating **	U	Issue No.	28
LM End	0.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.052350 °	37.052530 °
				-120.417874 °	-120.417800 °
DWR ID	DWR_NA0011_01_s _ 2014_28				
Comment Code					
PR : Prunings					
Inspector Comment					
The brush pile here is providing habitat for the rodents.					

Photo 1 of 1 : SP\_2016\_NA0011\_142\_28\_20160223\_00007.jpg



Unwanted brush pile on the landside toe and slope.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.84	Rating **	M	Issue No.	14
LM End	0.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.054034 °	37.054362 °
				-120.417200 °	-120.417075 °
DWR ID	DWR_NA0011_01_s_2013_14				
Comment Code					
EQ : Equipment					
Inspector Comment					
Farm equipment placed within the easement waterside levee toe.					

No Photos

LM Start	1.17	Rating **	U	Issue No.	38
LM End	1.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.056380 °	37.058520 °
				-120.412483 °	-120.410257 °
DWR ID	DWR_NA0011_01_f_2015_38				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
The slope will have to be put back in place damaged by equipment.					

Photo 1 of 3 : SP\_2016\_NA0011\_142\_38\_20160223\_00008.jpg



The levee slope has been damaged by equipment, the farmer has cut the toe away while working too close to the levee.

LM Start	<b>1.17</b>	Rating **	U	Issue No.	<b>38 (cont)</b>
LM End	<b>1.37</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP\_2016\_NA0011\_142\_38\_20160223\_00009.jpg



Another view of the damaged toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



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Unit No. 01 Ash Slough	Right	2.37	04/14/2016 04/14/2016	Herman Phillips

LM Start	1.17	Rating **	U	Issue No.	38 (cont)	
LM End	1.37	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			37.056380 °		37.058520 °
				-120.412483 °		-120.410257 °
DWR ID	DWR_NA0011_01_f_2015_38					
Comment Code						
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.						
Inspector Comment						
The slope will have to be put back in place damaged by equipment.						

Photo 3 of 3 : SP\_2016\_NA0011\_142\_38\_20160223\_00010.jpg



Slope damage at toe of the water side levee section.

LM Start	1.45	Rating **	M	Issue No.	7
LM End	2.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.059113 °	37.068344 °
				-120.408880 °	-120.398780 °
DWR ID	DWR_NA0011_01_s_2013_7				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2016 04/14/2016	Herman Phillips

LM Start	2.09	Rating **	M	Issue No.	48
LM End	2.09	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.065569 °	37.065569 °
				-120.400752 °	-120.400752 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39846					
DS_ID:21511					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact to owner to get contact information.					
FIELD_STRUCT_DESC: Underground telephone cable crosses through levee.					
FS Date: 5/6/2014					

Photo 1 of 1 : UCIP\_SP\_2016\_39846\_71806.jpg



Conduit box located on waterward side.

LM Start	2.10	Rating **	M	Issue No.	47
LM End	2.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.065649 °	37.065649 °
				-120.400663 °	-120.400663 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39845					
DS_ID:25042					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Need to contact owner to determine if crossing goes through levee.					
FIELD_STRUCT_DESC: 10-inch or 12-inch pipe through levee crossing visible inside concrete standpipe on waterward side. Potential pump station located on landward side approximately 100 feet from standpipe.					
FS Date: 5/6/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_39845\_71800.jpg



Pump station visible approximately 100 feet from concrete standpipe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2016 04/14/2016	Herman Phillips

LM Start	2.10	Rating **	M	Issue No.	47 (cont)	
LM End	2.10	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.065649 °	37.065649 °	
				-120.400663 °	-120.400663 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:39845 DS_ID:25042 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine if crossing goes through levee. FIELD_STRUCT_DESC: 10-inch or 12-inch pipe through levee crossing visible inside concrete standpipe on waterward side. Potential pump station located on landward side approximately 100 feet from standpipe. FS Date: 5/6/2014						

Photo 2 of 2 : UCIP\_SP\_2016\_39845\_71803.jpg



Standpipe visible on waterward side.

LM Start	2.37	Rating **	M	Issue No.	45
LM End	2.37	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.068763 °	37.068763 °
				-120.398523 °	-120.398523 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38226 DS_ID:21512 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to determine details of crossing and whether crossing has been abandoned. Need to find owner and determine the alignment of crossing to confirm if pipe is being extended from opposite levee. FIELD_STRUCT_DESC: Abandoned service pole, pump and two 36-inch standpipes on landward side. Pump not found in 2014 inspection. Three stand pipes found on landward side. FS Date: 5/6/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_38226\_69679.jpg



View of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	04/14/2016 04/14/2016	Herman Phillips

LM Start	2.37	Rating **	M	Issue No.	45 (cont)	
LM End	2.37	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			37.068763 °		37.068763 °
				-120.398523 °		-120.398523 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38226 DS_ID:21512 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to determine details of crossing and whether crossing has been abandoned. Need to find owner and determine the alignment of crossing to confirm if pipe is being extended from opposite levee. FIELD_STRUCT_DESC: Abandoned service pole, pump and two 36-inch standpipes on landward side. Pump not found in 2014 inspection. Three stand pipes found on landward side. FS Date: 5/6/2014						

Photo 2 of 2 : UCIP\_SP\_2016\_38226\_69678.jpg



View of waterward slope--no signs of crossing visible.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2016 Levee Inspection Results**

**Madera County FCWCA**

Waterway			Bank	Unit Miles
Unit No. 02 Ash Slough			Left	2.04
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/14/2016 - 4/14/2016			
DWR Inspector	Herman Phillips			
Accompanied By	Dario Dominguez Madera Co. Public Works Dept.			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	32
LM End	0.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.045539 °	37.045505 °
				-120.427444 °	-120.427473 °
DWR ID	DWR_NA0011_02_f_2012_32				
Comment Code					
DT : Ditch					
Inspector Comment					
There is a settling basin on the landward side of the levee. This basin is very close to the landside easement. 4-14,-16 This basin remains, no change.					

Photo 1 of 2 : SP\_2016\_NA0011\_143\_32\_20160425\_00029.jpg



Ash slough at levee mile 0.00 there still exist this settling basin within the 10-foot of landward toe.

LM Start	<b>0.00</b>	Rating **	U	Issue No.	<b>32 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2016\_NA0011\_143\_32\_20160223\_00007.jpg



Ash Slough at levee mile 0.01-0.03 there is a settling basin on the landside. First reported this issue on 2012 levee inspection. Photo taken 4-29-2014.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	15
LM End	0.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.045485 °	37.045623 °
				-120.427457 °	-120.426987 °
DWR ID	DWR_NA0011_02_s_2016_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the weeds from the landside slope and crown roadway.					

Photo 1 of 1 : SP\_2016\_NA0011\_143\_15\_20160425\_00027.jpg



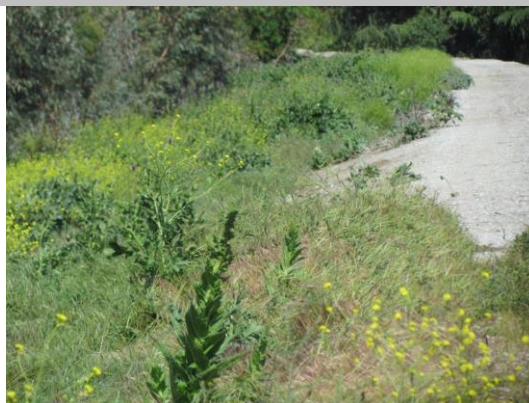
Unsatisfactory tall weeds on the landside slope and crown.

LM Start	0.00	Rating **	U	Issue No.	39
LM End	1.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.045485 °	37.060091 °
				-120.427423 °	-120.405340 °
DWR ID	DWR_NA0011_02_f_2015_39				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
The levee section waterside is covered with rodents and rodent holes.					

No Photos

LM Start	0.00	Rating **	U	Issue No.	34
LM End	2.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.045485 °	37.064023 °
				-120.427423 °	-120.401097 °
DWR ID	DWR_NA0011_02_f_2015_34				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the weeds from the waterside levee slope, shoulder and toe.					

Photo 1 of 1 : SP\_2016\_NA0011\_143\_34\_20160425\_00030.jpg



levee mile 0.00 to 2.03 unsatisfactory tall weeds present on the levee slope and toe.

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.01	Rating **	M	Issue No.	48
LM End	0.01	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.045532 °	37.045532 °
				-120.427268 °	-120.427268 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39686 DS_ID:21585 EP_NO: 8068 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to confirm if crossing found in the field corresponds to the crossing described under Permit 8068. Only 1 crossing found permit indicates 2 irrigation culverst. Need to contact owner to obtain additional details of crossing. FIELD_STRUCT_DESC: To retain two irrigation culverts and siphons located at the intersection of Ash Slough and the Chowchilla Canal. FS Date: 5/6/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_39686\_71662.jpg



View of landward side.

LM Start	<b>0.01</b>	Rating **	M	Issue No.	<b>48 (cont)</b>
LM End	<b>0.01</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_SP\_2016\_39686\_71661.jpg



View of riser located on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.04	Rating **	M	Issue No.	19
LM End	1.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.045685 °	37.060091 °
				-120.426820 °	-120.405342 °
DWR ID	DWR_NA0011_02_f_2012_19				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
The rodents here on the landside need to be controlled. Bait stations are needed. Rodent mounds were seen but no rodent was observed.					

No Photos

LM Start	0.04	Rating **	C	Issue No.	20
LM End	0.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.045758 °	37.045758 °
				-120.426793 °	-120.426790 °
DWR ID	DWR_NA0011_02_f_2012_20				
Comment Code					
EQ : Equipment					
Inspector Comment					
The equipment has been removed.					

No Photos

LM Start	0.14	Rating **	U	Issue No.	17
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.046102 °	37.046102 °
				-120.425010 °	-120.425010 °
DWR ID	DWR_NA0011_02_s_2016_17				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree from the crown roadway crossing.					

Photo 1 of 1 : SP\_2016\_NA0011\_143\_17\_20160426\_00043.jpg



Looking upstream from levee mile 0.14 fallen tree blocking access along the crown roadway.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.16	Rating **	M	Issue No.	18
LM End	0.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.046243 °	37.046452 °
				-120.424600 °	-120.423983 °
DWR ID	DWR_NA0011_02_s_2016_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.16	Rating **	M	Issue No.	6
LM End	0.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.046212 °	37.046303 °
				-120.424573 °	-120.424332 °
DWR ID	DWR_NA0011_02_s_2012_6				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landowner needs to maintain the landscaping in this area. The trees has limbs that need trimming from hanging over the crown roadway.					

No Photos

LM Start	0.18	Rating **	M	Issue No.	5
LM End	0.31	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.046315 °	37.463150 °
				-120.424419 °	-120.424419 °
DWR ID	DWR_NA0011_02_f_2012_5				
Comment Code					
FE : Fence					
Inspector Comment					
This fence was not authorized by CVFPB. The District is aware of the fence. The landowner installed the fence and gate across the levee section because he has been broken into frequently and had many items stolen in the past. I met with the landowner 4-29-2014 and he let me put a State lock on his gate to gain access to the levee.					

Photo 1 of 1 : SP\_2016\_NA0011\_143\_5\_20160223\_00003.jpg



Unauthorized gate and metal fence placed on slope and toe of levee section. Photo taken 4-17-2013.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.21	Rating **	M	Issue No.	46
LM End	0.21	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.046533 °	37.046533 °
				-120.423762 °	-120.423762 °
DWR ID	DWR_NA0011_02_f_ 2015_46				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.27	Rating **	M	Issue No.	21
LM End	0.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.046937 °	37.047192 °
				-120.422815 °	-120.422517 °
DWR ID	DWR_NA0011_02_s_2012_21				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.31	Rating **	M	Issue No.	47
LM End	0.31	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.047245 °	37.047245 °
				-120.422403 °	-120.422403 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:35764 DS_ID:21514 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine details of crossing and permit information authorizing crossing. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: Pipe through levee at a skew. Concrete discharge structure at waterward end. Standpipe with gage house landward of the levee. No gage house found on landward side. FS Date: 5/6/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_35764\_64463.jpg



View of waterward side.

LM Start	<b>0.31</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>0.31</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_SP\_2016\_35764\_64466.jpg



Locked box (unknown purpose) located on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.31	Rating **	U	Issue No.	24
LM End	1.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047202 °	37.059543 °
				-120.422318 °	-120.405887 °
DWR ID	DWR_NA0011_02_s_2016_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the wild growth on the landside levee slope.					

Photo 1 of 1 : SP\_2016\_NA0011\_143\_24\_20160425\_00031.jpg



Looking upstream from levee mile 0.31 to 1.62 landside slope.

LM Start	0.32	Rating **	M	Issue No.	28
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.047416 °	37.047416 °
				-120.422142 °	-120.422142 °
DWR ID	DWR_NA0011_02_f_2012_28				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree limbs from the waterside slope.					

No Photos

LM Start	0.33	Rating **	U	Issue No.	26
LM End	0.96	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047450 °	37.054717 °
				-120.422113 °	-120.415735 °
DWR ID	DWR_NA0011_02_s_2016_26				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown roadway clear of vegetation.					

Photo 1 of 1 : SP\_2016\_NA0011\_143\_26\_20160425\_00032.jpg



Looking downstream crown roadway from levee mile 0.33-0.96.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.43	Rating **	M	Issue No.	27
LM End	2.03	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.048458 °	37.064027 °
				-120.420687 °	-120.401098 °
DWR ID	DWR_NA0011_02_s _ 2016_27				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	0.52	Rating **	M	Issue No.	35
LM End	0.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.049289 °	37.049289 °
				-120.419542 °	-120.419542 °
DWR ID	DWR_NA0011_02_s _ 2013_35				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.94	Rating **	M	Issue No.	49
LM End	0.94	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.054547 °	37.054547 °
				-120.415826 °	-120.415826 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39923 DS_ID:25043 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status. Need permit authorizing work. FIELD_STRUCT_DESC: 5-inch steel conduit along bridge downstream face. Upstream face has 2-inch pipe cut at the corner. FS Date: 5/6/2014					

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>49 (cont)</b>
LM End	<b>0.94</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_39923\_71823.jpg



Conduit along face of bridge.

Photo 2 of 2 : UCIP\_SP\_2016\_39923\_71822.jpg



View of steel conduit through levee and above channel.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	1.03	Rating **	M	Issue No.	3
LM End	1.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.055115 °	37.056050 °
				-120.414588 °	-120.411178 °
DWR ID	DWR_NA0011_02_s _ 2012_3				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.10	Rating **	U	Issue No.	1
LM End	1.19	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.055596 °	37.055596 °
				-120.412647 °	-120.412647 °
DWR ID	DWR_NA0011_02_s _ 2016_1				
Comment Code					
Inspector Comment					
09/08/2015: No significant change observed.					
07/22/2014: No significant change observed.					
08/30/2013: No significant change observed.					
07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site					
08/09/2011: Site was inspected. No visible change was observed from the previous condition. A fallen tree was seen at the levee toe about 20 feet upstream, and tree root exposed. There has been no report from the district that this site was corrected.					
11/30/2010: Site was not inspected due to time constraints. There have been no reports from the district that the site was corrected. Continue to monitor site during flood events.					
08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.					
2009: Site is recommended as a local maintenance issue, per Critical Levee Repair Office, Critical Erosion Sites Evaluation 2008 Report; site was previously rated "M"					
9/6/2007: Undercutting of the toe; several trees along the WS slope with roots exposed. [2015 Site ID:NA0011U02RM2.57]					

Photo 1 of 2 : SP\_2016\_NA0011\_143\_1\_20160223\_00001.jpg



Debris at the site.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	





**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	1.39	Rating **	M	Issue No.	42
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.057989 °	37.057989 °
				-120.409581 °	-120.409581 °
DWR ID	DWR_NA0011_02_s _ 2014_42				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the water side levee slope.					

No Photos

LM Start	1.46	Rating **	U	Issue No.	43
LM End	1.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.058335 °	37.058520 °
				-120.408434 °	-120.407791 °
DWR ID	DWR_NA0011_02_s _ 2014_43				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the levee slope.					

Photo 1 of 1 : SP\_2016\_NA0011\_143\_43\_20160223\_00010.jpg



Dead fallen tree not removed from levee section, reported in Spring inspection. Dead tree reported last spring not removed.

LM Start	1.49	Rating **	U	Issue No.	31
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.058462 °	37.058705 °
				-120.407907 °	-120.407390 °
DWR ID	DWR_NA0011_02_s _ 2016_31				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Major work need to be done to make the repairs this location. This levee was cut prior to my inspection 4-14-2016.					

Photo 1 of 4 : SP\_2016\_NA0011\_143\_31\_20160425\_00033.jpg



Looking upstream from the landside slope pipe work being performed.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	1.49	Rating **	U	Issue No.	31 (cont)	
LM End	1.52	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			37.058462 °		37.058705 °
				-120.407907 °		-120.407390 °
DWR ID	DWR_NA0011_02_s _ 2016_31					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Major work need to be done to make the repairs this location. This levee was cut prior to my inspection 4-14-2016.						

LM Start	<b>1.49</b>	Rating **	U	Issue No.	<b>31 (cont)</b>
LM End	<b>1.52</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 4 : SP\_2016\_NA0011\_143\_31\_20160425\_00035.jpg



Standing at levee mile 1.49 looking towards levee mile 1.52

Photo 3 of 4 : SP\_2016\_NA0011\_143\_31\_20160425\_00038.jpg



Standing at the downstream end of cut landward levee toe mile 1.49.

LM Start	<b>1.49</b>	Rating **	U	Issue No.	<b>31 (cont)</b>
LM End	<b>1.52</b>	Issue Type +	Ma	Location *	LS

Photo 4 of 4 : SP\_2016\_NA0011\_143\_31\_20160425\_00042.jpg



Looking downstream from the landside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	1.51	Rating **	M	Issue No.	25
LM End	1.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.058652 °	37.058802 °
				-120.407638 °	-120.407350 °
DWR ID	DWR_NA0011_02_s_2012_25				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.02	Rating **	M	Issue No.	51
LM End	2.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.063982 °	37.063982 °
				-120.401165 °	-120.401165 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39925 DS_ID:25045 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine additional information about crossing and potential appurtenances. FIELD_STRUCT_DESC: 36-inch filled with concrete. FS Date: 5/6/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_39925\_71815.jpg



Standpipes visible on waterward side.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	2.02	Rating **	M	Issue No.	51 (cont)	
LM End	2.02	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.063982 °	37.063982 °	
				-120.401165 °	-120.401165 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:39925 DS_ID:25045 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine additional information about crossing and potential appurtenances. FIELD_STRUCT_DESC: 36-inch filled with concrete. FS Date: 5/6/2014						

Photo 2 of 2 : UCIP\_SP\_2016\_39925\_71820.jpg



36-inch pipe full of concrete debris located on waterward side.

LM Start	2.03	Rating **	M	Issue No.	50	
LM End	2.03	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.064087°	37.064087°	
				-120.401194°	-120.401194°	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:39924						
DS_ID:25044						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to contact owner to determine status.						
FIELD_STRUCT_DESC: 10-inch pipes located on waterward side.						
FS Date: 5/6/2014						

Photo 1 of 2 : UCIP\_SP\_2016\_39924\_71809.jpg



Tall concrete standpipe visible on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	04/14/2016 04/14/2016	Herman Phillips

LM Start	2.03	Rating **	M	Issue No.	50 (cont)	
LM End	2.03	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.064087 °	37.064087 °	
				-120.401194 °	-120.401194 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:39924						
DS_ID:25044						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to contact owner to determine status.						
FIELD_STRUCT_DESC: 10-inch pipes located on waterward side.						
FS Date: 5/6/2014						

Photo 2 of 2 : UCIP\_SP\_2016\_39924\_71808.jpg



Concrete standpipes visible on waterward side--dense vegetation on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2016 Levee Inspection Results**

**Madera County FCWCA**

Waterway			Bank	Unit Miles
Unit No. 03 Berenda Slough			Right	1.51
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/14/2016 - 4/14/2016			
DWR Inspector	Herman Phillips			
Accompanied By				

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	46
LM End	0.00	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.996593 °	36.996593 °
				-120.373636 °	-120.373636 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:35767 DS_ID:21516 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to confirm if crossing is still being used. Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 18-inch steel pipe through levee at unknown depth. Levee log records indicate the abandonment of the Chowchilla Canal Siphon was backfilled through the levee section. Pipe through levee slant pump on waterward slope. FS Date: 5/6/2014					

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>46 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	En	Location *	CR

Photo 1 of 2 : UCIP\_SP\_2016\_35767\_64476.jpg



View of landward side.

Photo 2 of 2 : UCIP\_SP\_2016\_35767\_64475.jpg



Close up of concrete standpipe and multiple positive closure devices.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996590 °	36.996408 °
				-120.373632 °	-120.372757 °
DWR ID	DWR_NA0011_03_s_2016_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_NA0011\_144\_6\_20160426\_00015.jpg



Looking upstream Unit 3 landside levee mile 0.00 - 0.06.

LM Start	0.00	Rating **	U	Issue No.	5
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996590 °	36.996618 °
				-120.373632 °	-120.346613 °
DWR ID	DWR_NA0011_03_s_2016_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the wild growth of tall weeds on the waterside levee section.					

Photo 1 of 1 : SP\_2016\_NA0011\_144\_5\_20160426\_00017.jpg



Looking upstream levee mile 0.00-1.51 tall weeds on the shoulder and slope water ward.

LM Start	0.03	Rating **	M	Issue No.	35
LM End	0.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996618 °	36.996618 °
				-120.373116 °	-120.373116 °
DWR ID	DWR_NA0011_03_f_2012_35				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Tree should be trimmed so they aren't rubbing against the vehicles as they pass by.					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.04	Rating **	M	Issue No.	45
LM End	0.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996522 °	36.996522 °
				-120.372980 °	-120.372980 °
DWR ID	DWR_NA0011_03_s_2012_45				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Burn or remove the tree limbs from the landside slope.					

No Photos

LM Start	0.04	Rating **	U	Issue No.	8	
LM End	1.51	Issue Type +	Ma	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			36.996485 °		36.996618 °
				-120.372938 °		-120.346613 °
DWR ID	DWR_NA0011_03_s_2016_8					
Comment Code						
V9 : Keep the crown roadway free of vegetation.						
Inspector Comment						
Remove these wild mustards from the levee crown roadway						

Photo 1 of 1 : SP\_2016\_NA0011\_144\_8\_20160426\_00019.jpg



Looking upstream from levee mile 0.04-1.51 crown roadway, these mustards are from 2.5-3.0-foot tall.

LM Start	0.05	Rating **	M	Issue No.	28
LM End	0.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996442 °	36.996442 °
				-120.372848 °	-120.372848 °
DWR ID	DWR_NA0011_03_f_2014_28				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Burn or remove the tree limbs from the landside levee slope.					

No Photos

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.06	Rating **	U	Issue No.	7
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996408 °	36.996618 °
				-120.372757 °	-120.346613 °
DWR ID	DWR_NA0011_03_s_2016_7				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild mustards from the levee section landward.					

Photo 1 of 1 : SP\_2016\_NA0011\_144\_7\_20160426\_00018.jpg



Looking up stream from levee mile 0.06 - 1.51 wild mustards 4.0-foot tall.

LM Start	0.06	Rating **	M	Issue No.	18
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996378 °	36.996378 °
				-120.372738 °	-120.372738 °
DWR ID	DWR_NA0011_03_f_2014_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.08	Rating **	M	Issue No.	32
LM End	0.89	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.996264 °	36.996273 °
				-120.372350 °	-120.357666 °
DWR ID	DWR_NA0011_03_s_2014_32				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.08	Rating **	M	Issue No.	20
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996204 °	36.996201 °
				-120.372352 °	-120.372345 °
DWR ID	DWR_NA0011_03_s_2012_20				
Comment Code					
DE : Debris					
Inspector Comment					

No Photos

LM Start	0.10	Rating **	M	Issue No.	47
LM End	0.10	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.996177 °	36.996177 °
				-120.371967 °	-120.371967 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38228					
DS_ID:21517					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Need to contact owner to determine status of crossing. Unable to determine if crossing is in use.					
FIELD_STRUCT_DESC: 36-inch CM pipe through the levee, 7.3 feet below the crown. Headwalls and wing walls on both ends. Flap gate on waterward end.					
FS Date: 5/6/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_38228\_69689.jpg



View of waterward side.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.10	Rating **	M	Issue No.	47 (cont)	
LM End	0.10	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.996177 °	36.996177 °	
				-120.371967 °	-120.371967 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38228 DS_ID:21517 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. Unable to determine if crossing is in use. FIELD_STRUCT_DESC: 36-inch CM pipe through the levee, 7.3 feet below the crown. Headwalls and wing walls on both ends. Flap gate on waterward end. FS Date: 5/6/2014						

Photo 2 of 2 : UCIP\_SP\_2016\_38228\_69687.jpg



Debris screen visible on waterward headwall.

LM Start	0.71	Rating **	U	Issue No.	41
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996240 °	36.996583 °
				-120.361028 °	-120.346680 °
DWR ID	DWR_NA0011_03_s_2016_41				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
The District need to do a much better job of removing the rodents from the levee section. GOOD PLACE FOR BAIT STATIONS.					

Photo 1 of 3 : SP\_2016\_NA0011\_144\_41\_20160426\_00020.jpg



Looking along the landward slope levee mile 0.71-1.51 an active infestation of rodents present.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.71	Rating **	U	Issue No.	41 (cont)	
LM End	1.51	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			36.996240 °		36.996583 °
				-120.361028 °		-120.346680 °
DWR ID	DWR_NA0011_03_s _ 2016_41					
Comment Code						
A2 : Repair the levee slope damaged by livestock and prevent large animal access.						
Inspector Comment						
The District need to do a much better job of removing the rodents from the levee section. GOOD PLACE FOR BAIT STATIONS.						

Photo 2 of 3 : SP\_2016\_NA0011\_144\_41\_20160426\_00022.jpg



Active colony of rodents in process of borrowing in the levee section.

LM Start	<b>0.71</b>	Rating **	U	Issue No.	<b>41 (cont)</b>
LM End	<b>1.51</b>	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP\_2016\_NA0011\_144\_41\_20160426\_00025.jpg



One of many active rodent captured in this photo.

LM Start	0.87	Rating **	M	Issue No.	39
LM End	0.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996261 °	36.996261 °
				-120.358095 °	-120.358095 °
DWR ID	DWR_NA0011_03_s _ 2013_39				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim the tree limbs up off the levee slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2016 04/14/2016	Herman Phillips

LM Start	1.04	Rating **	U	Issue No.	11
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996613 °	36.996610 °
				-120.355055 °	-120.354995 °
DWR ID	DWR_NA0011_03_s _ 2012_11				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
These walnut trees are blocking the view and inspection of the landside levee shoulder and slope. Cut them back in order that the ground can be seen.					

Photo 1 of 1 : SP\_2016\_NA0011\_144\_11\_20160223\_00003.jpg



Berenda Slough Unit 3 looking upstream from levee mile 1.04-1.05 walnut trees blocking the view of the landside levee section.

LM Start	1.07	Rating **	M	Issue No.	15	
LM End	1.10	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			36.996618 °		36.996633 °
				-120.354538 °		-120.354012 °
DWR ID	DWR_NA0011_03_s _ 2012_15					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Remove the walnut tree from the landside toe.						

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2016 04/14/2016	Herman Phillips

LM Start	1.24	Rating **	U	Issue No.	17
LM End	1.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996632 °	36.996632 °
				-120.351463 °	-120.351463 °
DWR ID	DWR_NA0011_03_s _ 2012_17				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim the tree blocking view of the levee slope landside.					

Photo 1 of 1 : SP\_2016\_NA0011\_144\_17\_20160223\_00004.jpg



Looking upstream landward levee mile 1.24 tree growth blocks slope, shoulder and portion on the crown roadway.

LM Start	1.26	Rating **	M	Issue No.	30
LM End	1.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.996603 °	36.996603 °
				-120.351115 °	-120.351115 °
DWR ID	DWR_NA0011_03_s _ 2012_30				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	1.27	Rating **	M	Issue No.	9
LM End	1.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.996592 °	36.996617 °
				-120.350888 °	-120.346613 °
DWR ID	DWR_NA0011_03_s _ 2016_9				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	04/14/2016 04/14/2016	Herman Phillips

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2016 Levee Inspection Results**

**Madera County FCWCA**

Waterway			Bank	Unit Miles
Unit No. 04 Berenda Slough			Left	2.28
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/14/2016 - 4/14/2016			
DWR Inspector	Herman Phillips			
Accompanied By				

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.01	Rating **	U	Issue No.	2
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995499 °	36.995610 °
				-121.373370 °	-120.365297 °
DWR ID	DWR_NA0011_04_s_2012_2				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Did not see any rodents but there is activity here at location, fresh holes present along slope and toe. No new photo taken here.					

LM Start	<b>0.01</b>	Rating **	U	Issue No.	<b>2 (cont)</b>
LM End	<b>0.45</b>	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : SP\_2016\_NA0011\_145\_2\_20160428\_00020.jpg



From levee miles 0.01-0.45 landside slope rodents are very active here.

Photo 2 of 2 : SP\_2016\_NA0011\_145\_2\_20160428\_00021.jpg



Another view of the infestation..

LM Start	0.01	Rating **	U	Issue No.	5
LM End	1.49	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995507 °	36.995597 °
				-120.373318 °	-120.346548 °
DWR ID	DWR_NA0011_04_f_2015_5				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
The tall weeds must me removed from the levee section. Unable to see the levee section blocked by this wild growth.					

Photo 1 of 1 : SP\_2016\_NA0011\_145\_5\_20160428\_00018.jpg



Looking at the crown roadway from levee mile 0.01- 1.49 the tall weeds has covered the levee section.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

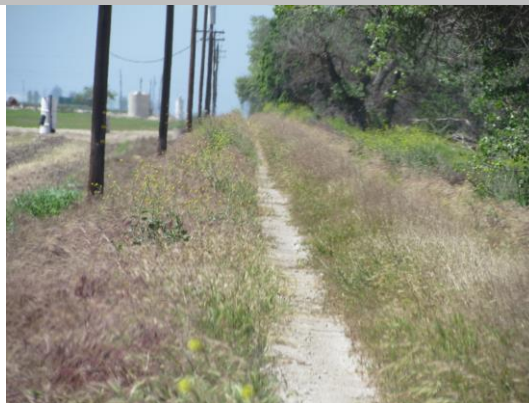
**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.01	Rating **	U	Issue No.	1
LM End	1.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995493 °	36.995593 °
				-120.373242 °	-120.346400 °
DWR ID	DWR_NA0011_04_f_2014_1				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
No maintenance has been done here for several years. The weeds has completely blocked the view of the levee section.					

Photo 1 of 1 : SP\_2016\_NA0011\_145\_1\_20160428\_00019.jpg



Levee mile 0.01 -1.50 the tall weeds covering the entire landside levee section.

LM Start	0.01	Rating **	U	Issue No.	4
LM End	1.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995493 °	36.996215 °
				-120.373242 °	-120.344808 °
DWR ID	DWR_NA0011_04_f_2014_4				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
No maintenance has been done in several years, the weeds are 3.0 feet tall. The condition of the levee slopes can't be seen through wild weeds.					

Photo 1 of 1 : SP\_2016\_NA0011\_145\_4\_20160502\_00022.jpg



Berenda Slough waterside wild weeds has blocked view of the slope from 0.01 to 1.60. This photo shows entire levee covered with wild weeds.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.06	Rating **	U	Issue No.	20
LM End	0.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995597 °	36.995597 °
				-120.372391 °	-120.372391 °
DWR ID	DWR_NA0011_04_f_2012_20				
Comment Code					
TR : Tree or limb					
Inspector Comment					
This dead tree has not been removed since the last two reports. There hasn't been any maintenance done in this unit since the last two last inspections.					

No Photos

LM Start	0.08	Rating **	M	Issue No.	25
LM End	0.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995557 °	36.995557 °
				-120.372062 °	-120.372062 °
DWR ID	DWR_NA0011_04_s_2013_25				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Remove the dead tree that?s hanging over the roadway.					

No Photos

LM Start	0.12	Rating **	M	Issue No.	26
LM End	0.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.995532 °	36.995532 °
				-120.371428 °	-120.371428 °
DWR ID	DWR_NA0011_04_s_2013_26				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2016 04/14/2016	Herman Phillips

LM Start	0.28	Rating **	M	Issue No.	21
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995564 °	36.995564 °
				-120.368540 °	-120.368540 °
DWR ID	DWR_NA0011_04_f_2012_21				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.47	Rating **	U	Issue No.	16
LM End	0.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995603 °	36.995603 °
				-120.364978 °	-120.364978 °
DWR ID	DWR_NA0011_04_s_2014_16				
Comment Code					
TR : Tree or limb					
Inspector Comment					
This dead tree recorded in the fall of 2015 levee inspection has not been removed.					

Photo 1 of 1 : SP\_2016\_NA0011\_145\_16\_20160428\_00017.jpg



Levee mile 0.47 dead tree partially blocking the levee section along the waterside.

LM Start	0.94	Rating **	M	Issue No.	29
LM End	1.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995552 °	36.995474 °
				-120.356537 °	-120.350890 °
DWR ID	DWR_NA0011_04_s_2013_29				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There need to be bait stations placed along the infested area. There are signs of activity although no rodent was seen.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2016 04/14/2016	Herman Phillips

LM Start	1.50	Rating **	A/W	Issue No.	7
LM End	2.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995600 °	37.003267 °
				-120.346367 °	-120.337608 °
DWR ID	DWR_NA0011_04_s_2016_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.50	Rating **	A	Issue No.	8
LM End	2.23	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995600 °	37.003267 °
				-120.346367 °	-120.337608 °
DWR ID	DWR_NA0011_04_s_2016_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.51	Rating **	M	Issue No.	56
LM End	2.28	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.995615 °	37.003441 °
				-120.346296 °	-121.337349 °
DWR ID	DWR_NA0011_04_s_2012_56				
Comment Code					
FE : Fence					
Inspector Comment					
No permit for this fence.					

Photo 1 of 1 : SP\_2016\_NA0011\_145\_56\_20160428\_00016.jpg



Fence within 10-foot of the levee toe waterside.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2016 04/14/2016	Herman Phillips

LM Start	1.51	Rating **	U	Issue No.	9
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.995611 °	36.995611 °
				-120.346236 °	-120.346236 °
DWR ID	DWR_NA0011_04_s _ 2012_9				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
There hasn't been any change at this location, the damage has not been repaired.					

LM Start	<b>1.51</b>	Rating **	U	Issue No.	<b>9 (cont)</b>
LM End	<b>1.51</b>	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : SP\_2016\_NA0011\_145\_9\_20160428\_00015.jpg



Levee mile 1.51 landside slope damaged by the landowner.

Photo 2 of 2 : SP\_2016\_NA0011\_145\_9\_20160428\_00013.jpg



Another view of the slope damage.

LM Start	1.60	Rating **	A/W	Issue No.	6
LM End	2.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996215 °	37.003267 °
				-120.344810 °	-120.337608 °
DWR ID	DWR_NA0011_04_s _ 2016_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
he vegetation here complies with standards but should be monitored.					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2016 04/14/2016	Herman Phillips

LM Start	1.63	Rating **	U	Issue No.	30
LM End	2.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996503 °	37.003308 °
				-120.344465 °	-120.337550 °
DWR ID	DWR_NA0011_04_f_2014_30				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Bait stations are needed in Rodent infested area.					

LM Start	1.63	Rating **	U	Issue No.	30 (cont)
LM End	2.23	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP\_2016\_NA0011\_145\_30\_20160223\_00009.jpg



Berenda Slough looking upstream water side levee slope covered with rodent holes.

Photo 2 of 2 : SP\_2016\_NA0011\_145\_30\_20160223\_00010.jpg



Berenda Slough looking downstream from levee mile 1.65 waterside large rodent holes on slope.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	04/14/2016 04/14/2016	Herman Phillips

LM Start	1.63	Rating **	U	Issue No.	57
LM End	2.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996574 °	37.003328 °
				-120.344430 °	-120.337604 °
DWR ID	DWR_NA0011_04_s _ 2012_57				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
The District really needs to do a better job of controlling the rodents. There should be bait stations with rodent bait present along the landside slope within the infested area.					

Photo 1 of 2 : SP\_2016\_NA0011\_145\_57\_20160223\_00012.jpg



Berenda Slough looking downstream from the landside slope at large rodent holes on the slope shoulder and crown roadway.

LM Start	1.63	Rating **	U	Issue No.	57 (cont)
LM End	2.23	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP\_2016\_NA0011\_145\_57\_20160502\_00024.jpg



There are fresh rodent holes but so view of rodent.

LM Start	1.63	Rating **	M	Issue No.	59
LM End	1.67	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996573 °	36.997002 °
				-120.344428 °	-120.343977 °
DWR ID	DWR_NA0011_04_s _ 2012_59				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There should be bait stations in this area.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2016 Levee Inspection Results**

**Madera County FCWCA**

Waterway			Bank	Unit Miles
Unit No. 05 Fresno River			Right	9.10
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/13/2016 - 5/13/2016			
DWR Inspector	Herman Phillips			
Accompanied By	Dario Dominguez Madera County			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	05/13/2016 05/13/2016	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978557 °	36.978557 °
				-120.368423 °	-120.368420 °
DWR ID	DWR_NA0011_05_f_2015_8				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep crown free of vegetation. Fresno River looking upstream from levee mile 0.00 of the crown roadway.					

Photo 1 of 1 : SP\_2016\_NA0011\_146\_8\_20160502\_00027.jpg



Levee mile 0.00 crown roadway.

LM Start	0.00	Rating **	U	Issue No.	7
LM End	4.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978557 °	36.968152 °
				-120.368423 °	-120.301103 °
DWR ID	DWR_NA0011_05_f_2015_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the unsatisfactory tall tumble weed and other wild growth from the landside slope.					

Photo 1 of 1 : SP\_2016\_NA0011\_146\_7\_20160502\_00020.jpg



Fresno River levee mile 0.00 looking upstream landside levee slope and toe covered with tall weeds.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	05/13/2016 05/13/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	9
LM End	4.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978557 °	36.968192 °
				-120.368423 °	-120.300930 °
DWR ID	DWR_NA0011_05_f_2015_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the tumble weed and other tall unwanted weeds from the landside levee slope and toe.					

Photo 1 of 1 : SP\_2016\_NA0011\_146\_9\_20160502\_00022.jpg



Fresno River levee mile 0.00 looking upstream to levee mile 4.06  
waterside slope and toe is covered with wild growth.

LM Start	0.18	Rating **	M	Issue No.	46
LM End	0.18	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.978036 °	36.978036 °
				-120.365246 °	-120.365246 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:35795 DS_ID:21520 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: 36-inch CM pipe through the levee, 10.8 feet below the crown. Headwalls and wing walls on both ends. Flap gate on waterward end. FS Date: 5/6/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_35795\_64567.jpg



View of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	05/13/2016 05/13/2016	Herman Phillips

LM Start	0.18	Rating **	M	Issue No.	46 (cont)	
LM End	0.18	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			36.978036 °	36.978036 °	
				-120.365246 °	-120.365246 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:35795 DS_ID:21520 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. FIELD_STRUCT_DESC: 36-inch CM pipe through the levee, 10.8 feet below the crown. Headwalls and wing walls on both ends. Flap gate on waterward end. FS Date: 5/6/2014						

Photo 2 of 2 : UCIP\_SP\_2016\_35795\_64566.jpg



View of flap gate and concrete headwall located on waterward side.

LM Start	0.19	Rating **	M	Issue No.	3
LM End	0.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.977998 °	36.976882 °
				-120.365077 °	-120.361610 °
DWR ID	DWR_NA0011_05_s_2012_3				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	05/13/2016 05/13/2016	Herman Phillips

LM Start	0.20	Rating **	M	Issue No.	4
LM End	0.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.977967 °	36.977715 °
				-120.364960 °	-120.363902 °
DWR ID	DWR_NA0011_05_s_2012_4				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.39	Rating **	M	Issue No.	10
LM End	0.43	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.976962 °	36.976635 °
				-120.361762 °	-120.361193 °
DWR ID	DWR_NA0011_05_f_2015_10				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents and back fill the holes. Bait stations are needed in this area.					

Photo 1 of 1 : SP\_2016\_NA0011\_146\_10\_20160223\_00004.jpg



Huge rodent holes in the crown road way levee mile 0.39 to 0.43.

LM Start	0.54	Rating **	M	Issue No.	5
LM End	0.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.975520 °	36.975350 °
				-120.359788 °	-120.359548 °
DWR ID	DWR_NA0011_05_s_2012_5				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	05/13/2016 05/13/2016	Herman Phillips

LM Start	0.60	Rating **	M	Issue No.	12
LM End	4.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.974985 °	36.968175 °
				-120.358977 °	-120.300920 °
DWR ID	DWR_NA0011_05_f_2015_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.86	Rating **	M	Issue No.	13
LM End	1.13	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.972344 °	36.968963 °
				-120.355692 °	-120.353347 °
DWR ID	DWR_NA0011_05_s_2012_13				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
Regrade the crown for proper drainage.					

No Photos

LM Start	1.18	Rating **	M	Issue No.	16
LM End	1.19	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.968354 °	36.968272 °
				-120.352761 °	-120.352623 °
DWR ID	DWR_NA0011_05_f_2012_16				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	05/13/2016 05/13/2016	Herman Phillips

LM Start	1.28	Rating **	M	Issue No.	11
LM End	1.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.967858 °	36.967868 °
				-120.351064 °	-120.349417 °
DWR ID	DWR_NA0011_05_s _ 2012_11				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	1.51	Rating **	M	Issue No.	30
LM End	1.85	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.967901 °	36.967931 °
				-120.347012 °	-120.340852 °
DWR ID	DWR_NA0011_05_f _ 2012_30				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
Appropriate gravel or road base need to be added to crown roadway and regraded for proper drainage.					

No Photos

LM Start	2.48	Rating **	M	Issue No.	20
LM End	4.06	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.968020 °	36.968158 °
				-120.329418 °	-120.300927 °
DWR ID	DWR_NA0011_05_s _ 2016_20				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side    N/A : Not Applicable		A : Acceptable		Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable		Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable		En : Enforcement	
		N : Not Inspected/Rated			
		C : Corrected			
		A/W : Acceptable but Monitor & Maintain			



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	05/13/2016 05/13/2016	Herman Phillips

LM Start	2.50	Rating **	M	Issue No.	19
LM End	2.50	Issue Type +	Ma	Location *	WS
Category	Rivers, Channels & Designated Floodways			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968222 °	36.968222 °
				-120.329131 °	-120.329131 °
DWR ID	DWR_NA0011_05_s_2012_19				
Comment Code					
Inspector Comment					
Trash in channel.					

No Photos

LM Start	2.80	Rating **	U	Issue No.	24
LM End	3.23	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.968030 °	36.968082 °
				-120.323677 °	-120.315832 °
DWR ID	DWR_NA0011_05_f_2015_24				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodents at this location. Bait stations are needed along this reach.					

Photo 1 of 2 : SP\_2016\_NA0011\_146\_24\_20160223\_00005.jpg



Rodent holes in the crown roadway(fresh).

LM Start	<b>2.80</b>	Rating **	U	Issue No.	<b>24 (cont)</b>
LM End	<b>3.23</b>	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : SP\_2016\_NA0011\_146\_24\_20160223\_00006.jpg



Crown road way levee mile 2.80 to 3.23 covered with active rodent holes.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	05/13/2016 05/13/2016	Herman Phillips

LM Start	4.06	Rating **	A	Issue No.	25
LM End	6.56	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968158 °	36.968517 °
				-120.300927 °	-120.255728 °
DWR ID	DWR_NA0011_05_s _ 2016_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.06	Rating **	A	Issue No.	26
LM End	6.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968158 °	36.968517 °
				-120.300927 °	-120.255728 °
DWR ID	DWR_NA0011_05_s _ 2016_26				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.06	Rating **	A	Issue No.	22
LM End	9.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968158 °	36.973258 °
				-120.300927 °	-120.211865 °
DWR ID	DWR_NA0011_05_s _ 2016_22				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side WS : Water Side CR : Crown		A : Acceptable M : Minimally Acceptable U : Unacceptable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	05/13/2016 05/13/2016	Herman Phillips

LM Start	4.20	Rating **	M	Issue No.	21
LM End	4.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.968135 °	36.968202 °
				-120.298355 °	-120.296210 °
DWR ID	DWR_NA0011_05_s _ 2012_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.46	Rating **	M	Issue No.	23
LM End	5.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.968230 °	36.968247 °
				-120.293665 °	-120.279957 °
DWR ID	DWR_NA0011_05_s _ 2012_23				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.59	Rating **	U	Issue No.	28
LM End	9.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.968495 °	36.973258 °
				-120.255270 °	-120.211865 °
DWR ID	DWR_NA0011_05_s _ 2016_28				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the tall weeds from the waterside levee slope.					

Photo 1 of 1 : SP\_2016\_NA0011\_146\_28\_20160502\_00029.jpg



Looking upstream from levee mile 6.59- 9.08 waterside slope covered with tall weeds.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	05/13/2016 05/13/2016	Herman Phillips

LM Start	6.63	Rating **	U	Issue No.	44
LM End	6.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.968585 °	36.969465 °
				-120.254425 °	-120.251303 °
DWR ID	DWR_NA0011_05_f_2014_44				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Fresh bait is needed in the bait station, more activity at this site.					

Photo 1 of 1 : SP\_2016\_NA0011\_146\_44\_20160223\_00010.jpg



This area has an active rodent presence from levee mile 6.63 to 6.82.

LM Start	6.65	Rating **	U	Issue No.	34
LM End	6.65	Issue Type +	En	Location *	WS
Category	Rivers, Channels & Designated Floodways			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.968625 °	36.968625 °
				-120.254185 °	-120.254185 °
DWR ID	DWR_NA0011_05_f_2015_34				
Comment Code					
Inspector Comment					
This earthen Dam was placed at this location by Chowchilla Flood Control and Public Works Department. I called the Superintendent in the past and reported this as an Unauthorized Encroachment across the Fresno River. He sent out a crew and removed the Dam, the following year they replaced it. This Dam should not be allowed across the channel during Flood season.					

Photo 1 of 1 : SP\_2016\_NA0011\_146\_34\_20160502\_00025.jpg



Looking at the earthen dam upstream of the Fresno River Flood Control Structure.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	05/13/2016 05/13/2016	Herman Phillips

LM Start	6.87	Rating **	M	Issue No.	48
LM End	6.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.969520 °	36.969520 °
				-120.250311 °	-120.250311 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39006					
DS_ID:21527					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Slide gate buried on landward side. Recommend clearing sediment deposit on landward side.					
FIELD_STRUCT_DESC: 30-inch CM pipe through levee, 9.4 feet below the crown. Headwalls and wingwalls on both ends. Slide gate on landward end. Flap gate on waterward end.					
FS Date: 5/6/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_39006\_69715.jpg



View of waterward side.

LM Start	<b>6.87</b>	Rating **	M	Issue No.	<b>48 (cont)</b>
LM End	<b>6.87</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_SP\_2016\_39006\_69714.jpg



Concrete headwall covered by dense vegetation.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	05/13/2016 05/13/2016	Herman Phillips

LM Start	7.11	Rating **	U	Issue No.	45	
LM End	7.52	Issue Type +	Ma	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			36.969512 °		36.969528 °
				-120.245957 °		-120.238603 °
DWR ID	DWR_NA0011_05_f_2014_45					
Comment Code						
V9 : Keep the crown roadway free of vegetation.						
Inspector Comment						
Keep crown roadway free of vegetation, weeds here are 2.0 foot.						

Photo 1 of 1 : SP\_2016\_NA0011\_146\_45\_20160502\_00028.jpg



Looking upstream of crown roadway from levee mile 7.11- 7.52.

LM Start	8.09	Rating **	M	Issue No.	47
LM End	8.09	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.972415 °	36.972415 °
				-120.229285 °	-120.229285 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38235 DS_ID:21528 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 30-inch CM pipe through levee, 8.3 feet below the levee crown. Headwalls and wingwalls on both ends. Flap gate on waterward end. FS Date: 5/6/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_38235\_69719.jpg



View of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	05/13/2016 05/13/2016	Herman Phillips

LM Start	8.09	Rating **	M	Issue No.	47 (cont)	
LM End	8.09	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			36.972415 °		36.972415 °
				-120.229285 °		-120.229285 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38235 DS_ID:21528 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 30-inch CM pipe through levee, 8.3 feet below the levee crown. Headwalls and wingwalls on both ends. Flap gate on waterward end. FS Date: 5/6/2014						

Photo 2 of 2 : UCIP\_SP\_2016\_38235\_69721.jpg



Concrete headwall visible on waterward side and covered by dense vegetation.

LM Start	8.11	Rating **	M	Issue No.	37
LM End	8.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.972391 °	36.972399 °
				-120.228857 °	-120.227424 °
DWR ID	DWR_NA0011_05_s_2013_37				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	05/13/2016 05/13/2016	Herman Phillips

LM Start	8.36	Rating **	U	Issue No.	35
LM End	8.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.972937 °	36.972947 °
				-120.224457 °	-120.223607 °
DWR ID	DWR_NA0011_05_f_2015_35				
Comment Code					
PR : Prunings					
Inspector Comment					
Burn the brush pile off the levee section, this is creating an area for rodents to bore in the levee underneath.					

Photo 1 of 1 : SP\_2016\_NA0011\_146\_35\_20160502\_00026.jpg



Looking upstream at the hugh brush pile covering the landside slope, shoulder and toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2016 Levee Inspection Results**

**Madera County FCWCA**

Waterway			Bank	Unit Miles
Unit No. 06 Fresno River			Left	9.03
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/13/2016 - 5/13/2016			
DWR Inspector	Herman Phillips			
Accompanied By	Dario Dominguez			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	11
LM End	0.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976932 °	36.969317 °
				-120.367495 °	-120.354475 °
DWR ID	DWR_NA0011_06_s_2016_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the tall weeds from the levee slope and toe.					

Photo 1 of 1 : SP\_2016\_NA0011\_147\_11\_20160502\_00032.jpg



Looking upstream from levee mile 0.00 to 0.96 tall weeds covering slope and toe landside levee section.

LM Start	0.00	Rating **	U	Issue No.	15
LM End	0.96	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976932 °	36.969317 °
				-120.367495 °	-120.354475 °
DWR ID	DWR_NA0011_06_s_2016_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Keep crown roadway free of vegetation.					

Photo 1 of 1 : SP\_2016\_NA0011\_147\_15\_20160502\_00031.jpg



Looking upstream from levee mile 0.00 unit 6 Fresno River to 0.96.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	14
LM End	3.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976932 °	36.967393 °
				-120.367495 °	-120.307403 °
DWR ID	DWR_NA0011_06_s_2016_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the unwanted tall weeds from the levee section waterward.					

Photo 1 of 1 : SP\_2016\_NA0011\_147\_14\_20160502\_00033.jpg



Looking upstream from levee mile 0.00 -3.63 unwanted tall weeds covering the water side levee section.

LM Start	0.18	Rating **	M	Issue No.	18
LM End	3.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.976901 °	36.967383 °
				-120.364174 °	-120.315330 °
DWR ID	DWR_NA0011_06_s_2012_18				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.44	Rating **	U	Issue No.	20
LM End	0.44	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.975030 °	36.975014 °
				-120.360382 °	-120.360401 °
DWR ID	DWR_NA0011_06_f_2012_20				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
This erosion should be taken care of before it gets worse. During the spring inspection on 4-24-2014 the erosion couldn't be seen as the area was overtaken with weeds.					

Photo 1 of 1 : SP\_2016\_NA0011\_147\_20\_20160223\_00002.jpg



Looking upstream at the old erosion site landside slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	0.50	Rating **	U	Issue No.	46
LM End	0.50	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.974363 °	36.974363 °
				-120.359492 °	-120.359492 °
DWR ID	DWR_NA0011_06_f_2014_46				
Comment Code					
DE : Debris					
Inspector Comment					
Abandon boat dumped on waterside berm.					

Photo 1 of 1 : SP\_2016\_NA0011\_147\_46\_20160223\_00010.jpg



Waterside levee mile 0.51 abandoned boat. Busted tv and other trash dumped on the dry channel.

LM Start	0.96	Rating **	M	Issue No.	42
LM End	2.49	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969317 °	36.967245 °
				-120.354480 °	-120.328000 °
DWR ID	DWR_NA0011_06_f_2015_42				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	1.08	Rating **	M	Issue No.	1
LM End	1.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967781 °	36.967407 °
				-120.353321 °	-120.352670 °
DWR ID	DWR_NA0011_06_s_2012_1				
Comment Code					
DE : Debris					
Inspector Comment					
Large piles of broken up recycled sheet rock placed within 10-foot of the levee easement.					

Photo 1 of 1 : SP\_2016\_NA0011\_147\_1\_20160223\_00001.jpg



Recycle sheet rock piles within the landside easement.

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	1.16	Rating **	U	Issue No.	39
LM End	1.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967299 °	36.967299 °
				-120.352014 °	-120.352014 °
DWR ID	DWR_NA0011_06_s _ 2014_39				
Comment Code					
TA : Tank					
Inspector Comment					
Metal storage tanks stored within the 10-foot easement need to be removed.					

Photo 1 of 2 : SP\_2016\_NA0011\_147\_39\_20160223\_00007.jpg



Metal storage tanks within the landside easement.

LM Start	<b>1.16</b>	Rating **	U	Issue No.	<b>39 (cont)</b>
LM End	<b>1.16</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2016\_NA0011\_147\_39\_20160502\_00034.jpg



Metal storage tanks within the landside easement.

LM Start	2.49	Rating **	U	Issue No.	17
LM End	3.68	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.967245 °	36.967405 °
				-120.327995 °	-120.306562 °
DWR ID	DWR_NA0011_06_s _ 2016_17				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown roadway free of vegetation.					

Photo 1 of 1 : SP\_2016\_NA0011\_147\_17\_20160502\_00035.jpg



Looking upstream from levee mile 2.49-3.68 weeds present on the crown roadway.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	2.71	Rating **	M	Issue No.	13
LM End	2.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967317 °	36.967302 °
				-120.324138 °	-120.322640 °
DWR ID	DWR_NA0011_06_s_2012_13				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
District needs to continue using the bait stations in the areas where rodents are visibly active.					

No Photos

LM Start	3.99	Rating **	M	Issue No.	19
LM End	5.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.967438 °	36.967510 °
				-120.300978 °	-120.265293 °
DWR ID	DWR_NA0011_06_s_2016_19				
Comment Code					
CR : Crops					
Inspector Comment					
Crop placed within the 10-easement.					

No Photos

LM Start	4.13	Rating **	U	Issue No.	48
LM End	4.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967465 °	36.967465 °
				-120.298415 °	-120.298415 °
DWR ID	DWR_NA0011_06_f_2014_48				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Huge rodent hole in crown roadway landward..					

Photo 1 of 1 : SP\_2016\_NA0011\_147\_48\_20160223\_00011.jpg



Huge Rodent hole in crown roadway and many other holes at this location on the slope and toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	<b>4.62</b>	Rating **	M	Issue No.	<b>38</b>
LM End	<b>4.62</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.967497 °	36.967497 °	
			-120.289576 °	-120.289576 °	
DWR ID	DWR_NA0011_06_s_2013_38				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	<b>4.92</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>6.47</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		36.967501 °	36.967893 °	
			-120.284141 °	-120.256169 °	
DWR ID	DWR_NA0011_06_f_2012_28				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>5.36</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>5.40</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		36.967550 °	36.967572 °	
			-120.276208 °	-120.275478 °	
DWR ID	DWR_NA0011_06_s_2012_12				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	5.78	Rating **	M	Issue No.	9
LM End	5.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967538 °	36.967538 °
				-120.268660 °	-120.268660 °
DWR ID	DWR_NA0011_06_s_2012_9				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.94	Rating **	M	Issue No.	8
LM End	6.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967530 °	36.967545 °
				-120.265732 °	-120.262320 °
DWR ID	DWR_NA0011_06_s_2012_8				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	6.17	Rating **	M	Issue No.	53
LM End	6.17	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.967568 °	36.967568 °
				-120.261594 °	-120.261594 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:39008  
DS\_ID:21531  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Need to contact owner. Recommend removing sediment built up on landward side.  
FIELD\_STRUCT\_DESC: 48-inch CM pipe through levee, 11.5 feet below the crown. Slide gate on waterward shoulder. Headwalls and wingwalls on both ends. Flap gate on waterward end.  
FS Date: 5/6/2014

LM Start	<b>6.17</b>	Rating **	M	Issue No.	<b>53 (cont)</b>
LM End	<b>6.17</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_39008\_64570.jpg



View of waterward side.

Photo 2 of 2 : UCIP\_SP\_2016\_39008\_64573.jpg



Flap gate, concrete headwall, and standpipe on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	6.39	Rating **	M	Issue No.	34
LM End	6.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.967863 °	36.967854 °
				-120.257611 °	-120.256047 °
DWR ID	DWR_NA0011_06_s_2013_34				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.51	Rating **	U	Issue No.	52
LM End	6.51	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.967941 °	36.967941 °
				-120.255467 °	-120.255467 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38237					
DS_ID:21532					
EP_NO: N/A					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Need to contact owner. Crossing on landward side appears to be modified--no headwall found on landward end.					
FIELD_STRUCT_DESC: 30-inch CM pipe through levee 12 feet below crown. Slide gate in 5-foot CM pipe riser on waterward shoulder.					
Headwalls and wingwalls on waterward end. Headwall on landward end.					
FS Date: 5/6/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_38237\_69722.jpg



View of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	6.51	Rating **	U	Issue No.	52 (cont)
LM End	6.51	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.967941 °	36.967941 °
				-120.255467 °	-120.255467 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38237					
DS_ID:21532					
EP_NO: N/A					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Need to contact owner. Crossing on landward side appears to be modified--no headwall found on landward end.					
FIELD_STRUCT_DESC: 30-inch CM pipe through levee 12 feet below crown. Slide gate in 5-foot CM pipe riser on waterward shoulder.					
Headwalls and wingwalls on waterward end. Headwall on landward end.					
FS Date: 5/6/2014					

Photo 2 of 2 : UCIP\_SP\_2016\_38237\_69724.jpg



View of landward side.

LM Start	6.96	Rating **	M	Issue No.	51
LM End	6.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.968786 °	36.968786 °
				-120.247473 °	-120.247473 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:35804 DS_ID:21587 EP_NO: 13837 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12 inch diameter reinforced concrete pipe through levee at 7.5 feet below flood plane. The pipe line extends to a 27 inch concrete standpipe, located within the overflow area, through the levee section to a 30 inch diameter standpipe located on landward side. Positive closure device located on the waterward side. Walkway extends to positive closure device. (Permit No. 13837, Averill Ranch-1984) FS Date: 5/6/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_35804\_64585.jpg



View of waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	6.96	Rating **	M	Issue No.	51 (cont)	
LM End	6.96	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			36.968786 °		36.968786 °
				-120.247473 °		-120.247473 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:35804 DS_ID:21587 EP_NO: 13837 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12 inch diameter reinforced concrete pipe through levee at 7.5 feet below flood plane. The pipe line extends to a 27 inch concrete standpipe, located within the overflow area, through the levee section to a 30 inch diameter standpipe located on landward side. Positive closure device located on the waterward side. Walkway extends to positive closure device. (Permit No. 13837, Averill Ranch-1984) FS Date: 5/6/2014						

Photo 2 of 2 : UCIP\_SP\_2016\_35804\_64588.jpg



View of concrete standpipe and lid found on waterward shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	7.42	Rating **	M	Issue No.	49
LM End	7.42	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.968853 °	36.968853 °
				-120.239154 °	-120.239154 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:35805  
DS\_ID:21588  
EP\_NO: 13856  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.  
FIELD\_STRUCT\_DESC: 12 inch diameter gravity reinforced concrete irrigation pipe through levee approximately 4 feet below crown. The pipeline extend from a 24 inch diameter standpipe, located within the overflow area, through the levee section to a 36 inch diameter standpipe located on landward side. Positive closure device located on waterward side of the levee with an accessible walkway. (Permit No. 13856, Averill Ranch-1984)  
FS Date: 5/6/2014

LM Start	<b>7.42</b>	Rating **	M	Issue No.	<b>49 (cont)</b>
LM End	<b>7.42</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_35805\_64590.jpg



View of waterward side.

Photo 2 of 2 : UCIP\_SP\_2016\_35805\_64589.jpg



Inside view of standpipe located on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	7.63	Rating **	U	Issue No.	27
LM End	8.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969052 °	36.971510 °
				-120.235442 °	-120.220425 °
DWR ID	DWR_NA0011_06_f_2015_27				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the tumble weed and other unwanted tall weeds form the landside levee section.					

Photo 1 of 1 : SP\_2016\_NA0011\_147\_27\_20160223\_00004.jpg



Fresno River Looking at the landside levee slope unsatisfactory tall weeds has covered the slope, shoulder and crown.

LM Start	7.70	Rating **	U	Issue No.	21
LM End	8.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969557 °	36.971487 °
				-120.234278 °	-120.220345 °
DWR ID	DWR_NA0011_06_s_2016_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the tall weeds from the waterside levee slope and toe.					

Photo 1 of 1 : SP\_2016\_NA0011\_147\_21\_20160502\_00037.jpg



Looking upstream from levee mile 7.70 -8.53 weeds taller than 3.0 foot covering the slope and toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	7.70	Rating **	U	Issue No.	22
LM End	8.53	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.969557 °	36.971487 °
				-120.234278 °	-120.220345 °
DWR ID	DWR_NA0011_06_s_2016_22				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the wild weeds from the crown roadway.					

Photo 1 of 1 : SP\_2016\_NA0011\_147\_22\_20160502\_00036.jpg



Looking upstream from levee mile 7.70-8.53, tall weeds 3.0-4.0 foot tall on the crown.

LM Start	8.03	Rating **	U	Issue No.	36
LM End	8.03	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.971582 °	36.971582 °
				-120.229180 °	-120.229180 °
DWR ID	DWR_NA0011_06_f_2015_36				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree from the levee section.					

Photo 1 of 1 : SP\_2016\_NA0011\_147\_36\_20160223\_00006.jpg



Dead tree pushed upon the waterside slope and blocking the crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	8.09	Rating **	U	Issue No.	31
LM End	8.09	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.971692 °	36.971692 °
				-120.227957 °	-120.227957 °
DWR ID	DWR_NA0011_06_f_2015_31				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree off the slope and shoulder, this tree is blocking access.					

Photo 1 of 1 : SP\_2016\_NA0011\_147\_31\_20160223\_00005.jpg



Fresno River looking downstream from levee mile 8.09 dead tree blocking the crown roadway.

LM Start	8.53	Rating **	M	Issue No.	50
LM End	8.53	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.971462 °	36.971462 °
				-120.220276 °	-120.220276 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:35806 DS_ID:21534 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner. Rip rap has been added around concrete headwall on waterward side--need to determine details for rip rap around structure. FIELD_STRUCT_DESC: 30-inch CM pipe through levee, 11.0 feet below crown. Headwalls and wingwalls on both ends. Flap gate on waterward end. FS Date: 5/6/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_35806\_64596.jpg



View of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	8.53	Rating **	M	Issue No.	50 (cont)	
LM End	8.53	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.971462 °	36.971462 °	
				-120.220276 °	-120.220276 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:35806						
DS_ID:21534						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to contact owner. Rip rap has been added around concrete headwall on waterward side--need to determine details for rip rap around structure.						
FIELD_STRUCT_DESC: 30-inch CM pipe through levee, 11.0 feet below crown. Headwalls and wingwalls on both ends. Flap gate on waterward end.						
FS Date: 5/6/2014						

Photo 2 of 2 : UCIP\_SP\_2016\_35806\_64599.jpg



Rip rap around concrete headwall located on waterward side.

LM Start	8.92	Rating **	U	Issue No.	43
LM End	8.96	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.972195 °	36.972347 °
				-120.213435 °	-120.212822 °
DWR ID	DWR_NA0011_06_s_2013_43				
Comment Code					
PR : Prunings					
Inspector Comment					
These tree pruning's should not block the roadway.					

Photo 1 of 1 : SP\_2016\_NA0011\_147\_43\_20160223\_00008.jpg



Tree pruning's on the waterward levee shoulder blocking section of crown. Completely has the slope blocked on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Madera County FCWCA**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	05/13/2016 05/13/2016	Herman Phillips

LM Start	8.94	Rating **	U	Issue No.	54
LM End	8.94	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.972307 °	36.972307 °
				-120.213185 °	-120.213185 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42857 DS_ID:21530 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Need to contact owner. Surface erosion on landward slope unable to determine if pipe failed or if rodent activity burrow hole has caused collapse on slope. Need to determine cause for erosion. FIELD_STRUCT_DESC: 30-inch CM pipe through levee, 10.2 feet below crown. Headwalls and wingwalls on both ends. Flap gate on waterward end. FS Date: 5/6/2014					

Photo 1 of 2 : UCIP\_SP\_2016\_42857\_64605.jpg



View of waterward side.

LM Start	<b>8.94</b>	Rating **	U	Issue No.	<b>54 (cont)</b>
LM End	<b>8.94</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_SP\_2016\_42857\_64604.jpg



Flap gate visible on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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